

# Stormwater

Tim Mitros, Stormwater Manager | (719) 385-5061 | tmitros@springsgov.com

## 2014 Breakthrough Strategies

Department Breakthrough Strategy	Measurable Outcome	Measured or Completed By:	Strategic Plan Goal
Ensure compliance with the MS4 permit as required by federal mandates	Successfully comply with the MS4 permit	Annually	Building Community
Improve delivery of Capital Projects through development of quality control processes, design standards and a shelf list of shovel ready projects	Decrease pre-construction process by 6 months	Q4	Building Community

## All Funds Summary

	Use of Funds	2012	2013	* 2013	2014	2014 Budget -
		Actual	Original Budget	Amended Budget		* 2013 Amended Budget
All Funds	General Fund	\$2,834,402	\$2,916,986	\$2,916,986	\$2,983,859	\$66,873
	CIP - General Fund**	343,099	0	8,800,000	1,457,518	(7,342,482)
	Stormwater Enterprise***	16,330,175	0	0	0	0
	CIP - Restricted	404,364	5,870,790	5,870,790	6,730,071	859,281
	<b>All Funds Total</b>	<b>\$19,912,040</b>	<b>\$8,787,776</b>	<b>\$17,587,776</b>	<b>\$11,171,448</b>	<b>(\$6,416,328)</b>
	Anticipated Carryover				\$13,759,000	
	<b>Total Anticipated Spending</b>				<b>\$24,930,448</b>	
	<b>Positions</b>					
	General Fund****	29.00	24.50	24.50	25.00	0.50
	<b>Total Positions</b>	<b>29.00</b>	<b>24.50</b>	<b>24.50</b>	<b>25.00</b>	<b>0.50</b>

\* 2013 Amended Budget as of 8/20/2013

\*\* 2013 Amended reflects \$9M for one-time emergency funding for flooding associated with Waldo Canyon Fires. CIP will cycle between low years for design and high years for construction.

\*\*\* In 2012 due to the close out of the Stormwater Enterprise Fund, remaining cash and capital assets were transferred to the General Fund. Of the total transfer, 88% was related to the transfer of capital assets, most significantly, infrastructure such as culverts and drainage ways resulting from prior capital projects. This funding was not spent on new capital projects.

\*\*\*\* This reflects full time equivalency (FTE) as the majority of positions are not dedicated to stormwater activities. Positions in City Engineering and Streets also perform other duties.

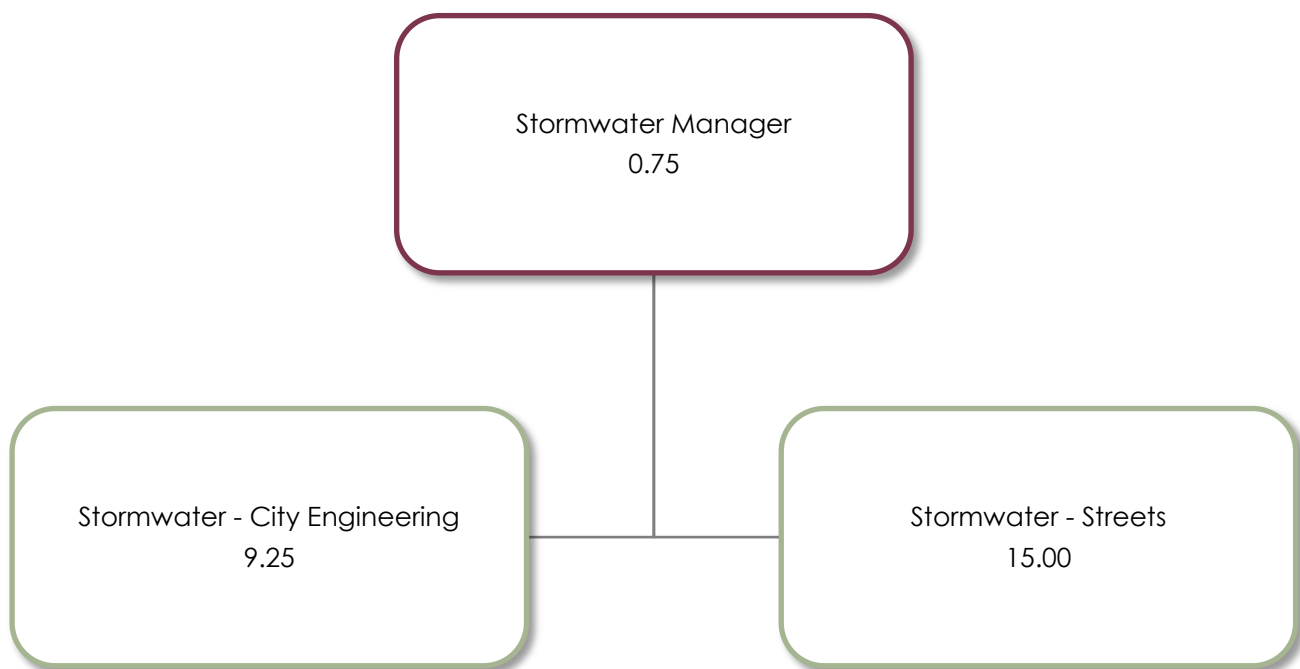
## Significant Changes vs. 2013

General Fund	Increase mainly due to reduction in salary & benefits to align with current actual costs	\$66,873
CIP - General Fund	Decrease mainly due to removal of one-time supplemental appropriation for Emergency Projects associated with Flood Mitigation for Waldo Canyon	(7,342,482)
CIP - Restricted	Increase mainly due to grant availability of federal flood mitigation grants	859,281

## Stormwater

The Division's primary focus is to manage an environmentally sound stormwater system. This includes the management of the City's Municipal Stormwater Discharge Permit and drainage basin concerns. The stormwater permit addresses stormwater quality with an emphasis on controlling and limiting pollutants to the City's drainage system through Best Management Practices.

- Administers the City's Municipal Separate Storm Sewer System (MS4) Permit to ensure compliance with federal and state stormwater regulations including education, water quality monitoring, inspections and mapping
- Evaluates, designs, and implements drainage improvements to address street flooding, drainage way repairs and failing infrastructure
- Maintenance of the City stormwater drainage is coordinated with the City's Streets Division including cleaning of inlets, catch basins, and pipes and removal of debris from inlets, culverts, and channels. In addition, crews repair and stabilize stream banks.
- Manages stormwater capital construction projects



For 2014, General Fund Stormwater budget is divided between the City Engineering Division and the Streets Division. While the full General Fund City Engineering budget resides in the City Engineering Division, and the full General Fund Streets budget resides in the Streets Division, for tracking purposes, each division's stormwater portion of the funding will be budgeted and monitored separately. Additionally, because the stormwater budget resides in multiple divisions (City Engineering and Streets); this virtual stormwater division is included in the budget document to show total spending on stormwater activities.

The sections below provide a summary of the Budget, authorized positions, changes that occurred after the budget was implemented for 2013 and changes occurring as part of the 2014 Budget for each Fund including General Fund, Stormwater Enterprise, and CIP.

General Fund - Total Stormwater	Use of Funds	2011 Estimate	2012 Estimate	2013 Original Estimate	* 2013 Amended Estimate	2014 Budget	2014 Budget - * 2013 Amended Budget
	Salary/Benefits/Pensions	\$789,568	\$2,006,393	\$1,870,897	\$1,870,897	\$1,964,219	\$93,322
	Operating	261,364	828,009	1,046,089	1,046,089	1,019,640	(26,449)
	Capital Outlay	0	0	0	0	0	0
	<b>Total</b>	<b>\$1,050,932</b>	<b>\$2,834,402</b>	<b>\$2,916,986</b>	<b>\$2,916,986</b>	<b>\$2,983,859</b>	<b>\$66,873</b>
	<b>Total Positions</b>		<b>29.00</b>	<b>24.50</b>	<b>24.50</b>	<b>25.00</b>	<b>25.00</b>

General Fund - Stormwater City Engineering							
	Use of Funds	2011 Actual	2012 Actual	2013 Original Budget	* 2013 Amended Budget	2014 Budget	2014 Budget - * 2013 Amended Budget
	Salary/Benefits/ Pensions					\$895,982	\$895,982
	Operating					447,855	447,855
	Capital Outlay					0	0
	Total	**	**	**	**	\$1,343,837	\$1,343,837
	Position Title	2012 Actual	2013 Original Budget	* 2013 Amended Budget	2014 Budget	2014 Budget - * 2013 Amended Budget	
	Civil Engineer I/II				1.00	1.00	
	Engineering Development Review/Stormwater Manager				0.75	0.75	
	Engineering Inspector II				3.00	3.00	
	Engineering Programs Manager				1.00	1.00	
	Engineering Specialist				1.00	1.00	
	Engineering Technician I/II				1.25	1.25	
Lead Engineering Inspector				2.00	2.00		
Total Positions	**	**	**	10.00	10.00		

\* 2013 Amended Budget as of 8/20/2013

\*\* For 2011-2013, Stormwater expenses and positions were included in the Streets budget. For 2014, the budgets are separate for monitoring stormwater specific activities. Expenditure estimates for 2011-2013 are included in the General Fund Stormwater total above for trending purposes only.

General Fund - Stormwater				2013	* 2013		2014 Budget -
	Use of Funds	2011	2012	Original	Amended	2014	*2013 Amended
		Actual	Actual	Budget	Budget	Budget	Budget
	Salary/Benefits/ Pensions					\$1,068,237	\$1,068,237
	Operating					571,785	571,785
	Capital Outlay					0	0
	Total	**	**	**	**	\$1,640,022	\$1,640,022
				2013	* 2013		2014 Budget -
	Position Title		2012	Original	Amended	2014	* 2013 Amended
			Budget	Budget	Budget	Budget	Budget
	Equipment Operator I					1.00	1.00
	Equipment Operator II					2.00	2.00
Streets District Crew Leader					10.00	10.00	
Streets District Supervisor					1.00	1.00	
Skilled Maintenance Tech II					1.00	1.00	
Total Positions		**	**	**	15.00	15.00	

\* 2013 Amended Budget as of 8/20/2013

\*\* For 2011-2013, Stormwater expenses and positions were included in the Streets budget. For 2014, the budgets are separate for monitoring stormwater specific activities. Expenditure estimates for 2011-2013 are included in the General Fund Stormwater total on the previous page for trending purposes only.

Stormwater Enterprise	Use of Funds	2011 Actual	**2012 Actual	2013 Original Budget	* 2013 Amended Budget	2014 Budget	2014 Budget - * 2013 Amended Budget
	Salary/Benefits/ Pensions	\$1,411,480	(\$86,425)	\$0	\$0	\$0	\$0
	Operating	206,430	16,416,600	0	0	0	0
	Capital Outlay	0	0	0	0	0	0
	Capital Projects	1,890,649	404,364	0	0	0	0
	<b>Total</b>	<b>\$3,508,559</b>	<b>\$16,734,539</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

\* 2013 Amended Budget as of 8/20/2013

\*\* In 2012 due to the close out of the Stormwater Enterprise Fund, remaining cash and capital assets were transferred to the General Fund. Of the \$16,416,600, 88% was related to the transfer of capital assets, most significantly, infrastructure such as culverts and drainage ways resulting from prior capital projects. This funding was not spent on new capital projects.

2014 CIP Program	Project Name	General Fund	Restricted Funds	Total
	19th and Dale Detention Pond	325,000	0	325,000
	31st Street Culvert Replacement	307,518	1,230,071	1,537,589
	Cottonwood Creek at La Madrina	150,000	0	150,000
	Flood Mitigation Assistance Federal Grant related to Camp Creek Design	0	3,000,000	3,000,000
	NRCS additional Waldo Canyon Emergency Watershed funding city share of \$3M total for the region	0	2,500,000	2,500,000
	Stormwater Design for High Priority Projects	675,000	0	675,000
	<b>Total Capital Projects</b>	<b>1,457,518</b>	<b>\$6,730,071</b>	<b>8,187,589</b>
	For a citywide comprehensive list of projects, refer to the CIP section of the Budget, page 25-1.			

## 2014 Anticipated Stormwater Spending - \$24.9 Million

General Fund			
Description	Anticipated Carryover	2014 Funding	Total 2014 Anticipated Spending
Stormwater Operating	0	\$2,983,859	\$2,983,859
Design of Cottonwood Creek at La Madrina Ln.*	0	\$150,000	\$150,000
Stormwater Design for High Priority Projects	0	\$675,000	\$675,000
19th and Dale Detention Pond Modifications	0	\$325,000	\$325,000
31st Street Culvert Replacement - Camp Creek structure replacement from 31st Street to Fountain Creek	0	\$307,518	\$307,518
Design of Camp Creek from Queen's Canyon to Fountain Creek - Appropriated in 2013 from the \$8.8 million	\$672,000	0	\$672,000
Repair North/South Douglas Creek - Appropriated in 2013 from the \$8.8 million	\$4,887,000	0	\$4,887,000
Match for \$3.0M pending Flood Mitigation Assistance Federal Grant - Appropriated in 2013 from the \$8.8 million	\$2,500,000	0	\$2,500,000
Match for Forest Service Funds for mitigation efforts in Camp Creek and Douglas - Appropriated in 2013 from the \$8.8 million	\$200,000	0	\$200,000
Emergency repairs to existing Camp Creek concrete channel - Appropriated in 2013 from the \$8.8 million	\$300,000	0	\$300,000
<b>Total General Fund</b>	<b>\$8,559,000</b>	<b>\$4,441,377</b>	<b>\$13,000,377</b>
Grant Funds			
Description	Anticipated Carryover	2014 Funding	Total 2014 Anticipated Spending
Technical Assistance NRCS grant funds to offset costs for Camp Creek design, Autism Pond Design and Utilities mitigation	\$500,000	0	\$500,000
FEMA, Stormwater maintenance/repair related to 2013 Summer storms	\$4,700,000	0	\$4,700,000
31st Street Culvert Replacement - Camp Creek structure replacement from 31st Street to Fountain Creek	0	\$1,230,071	\$1,230,071
Flood Mitigation Assistance Federal Grant related to Camp Creek Design	0	\$3,000,000	\$3,000,000
NRCS additional Waldo Canyon Emergency Watershed funding city share of \$3M total for the region	0	\$2,500,000	\$2,500,000
<b>Total Grant Funds</b>	<b>\$5,200,000</b>	<b>\$6,730,071</b>	<b>\$11,930,071</b>
<b>Total Funds *</b>	<b>\$13,759,000</b>	<b>\$11,171,448</b>	<b>\$24,930,448</b>

\* This total will not match the total stormwater spending previously provided to Council in October (\$24.709M) as those figures were rounded whereas the above table shows actual budgeted figures.